

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 7, 2021

For the Period: 07/08/21 to 07/26/21 (21/189 – 21/207)



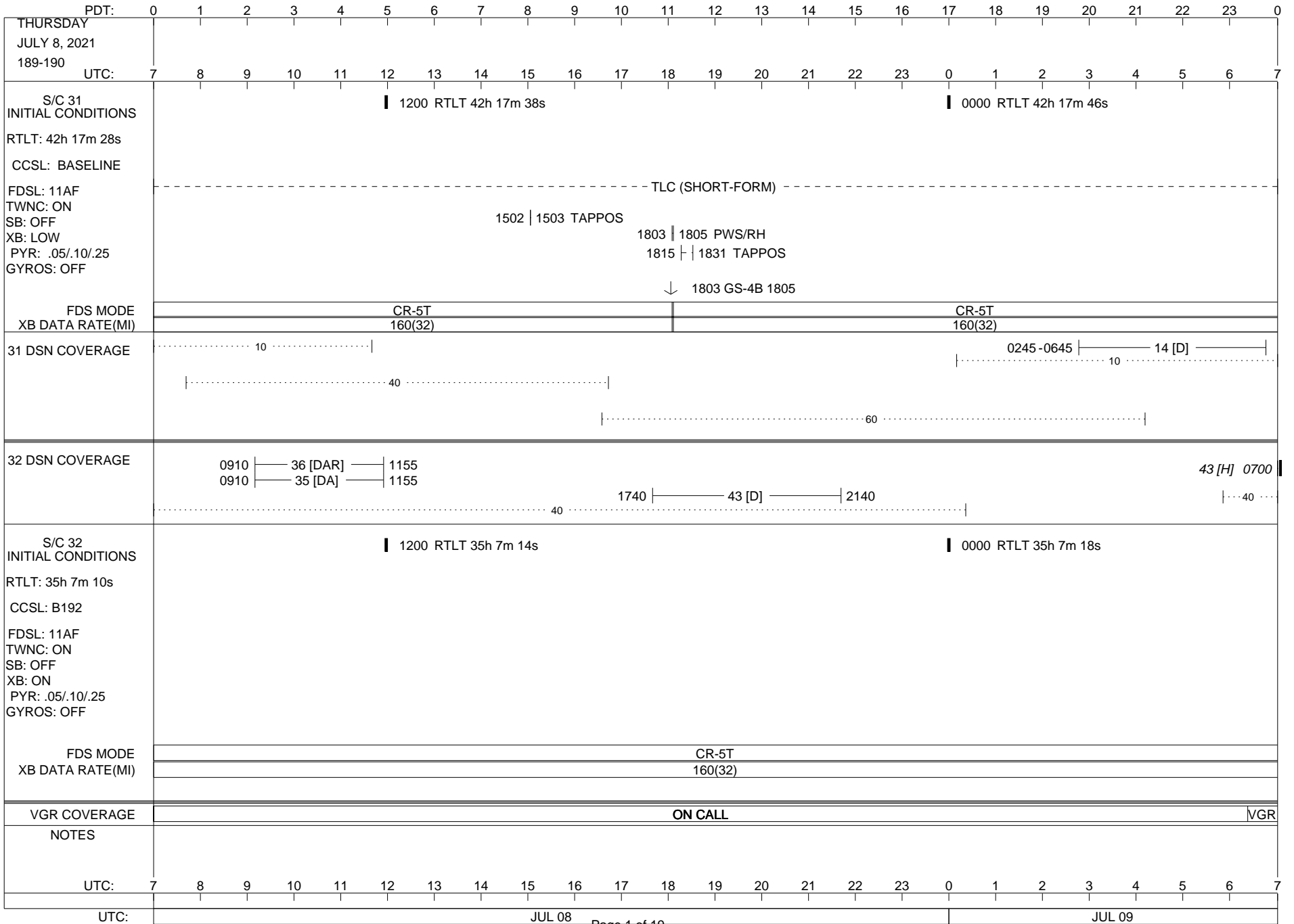
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

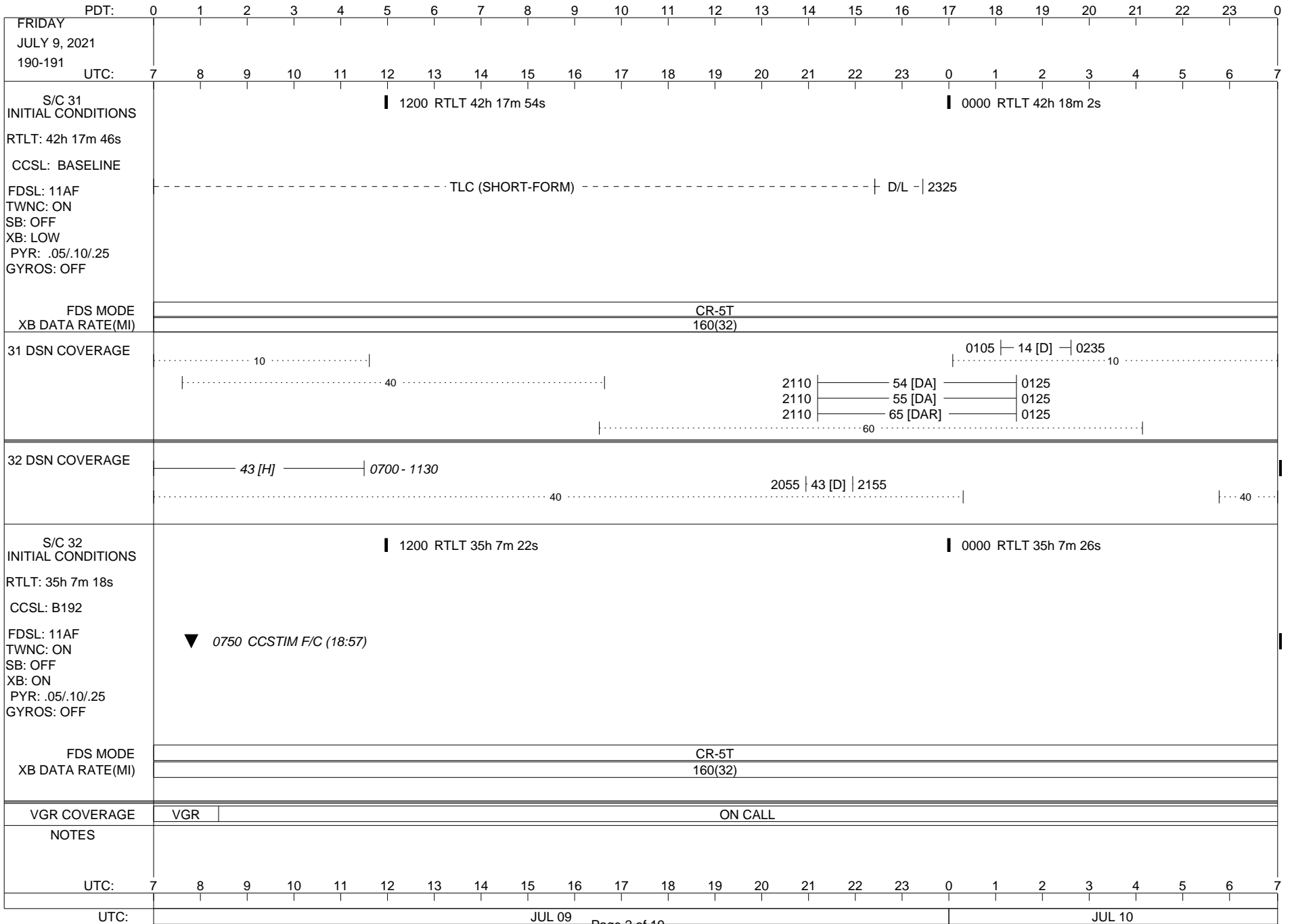
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

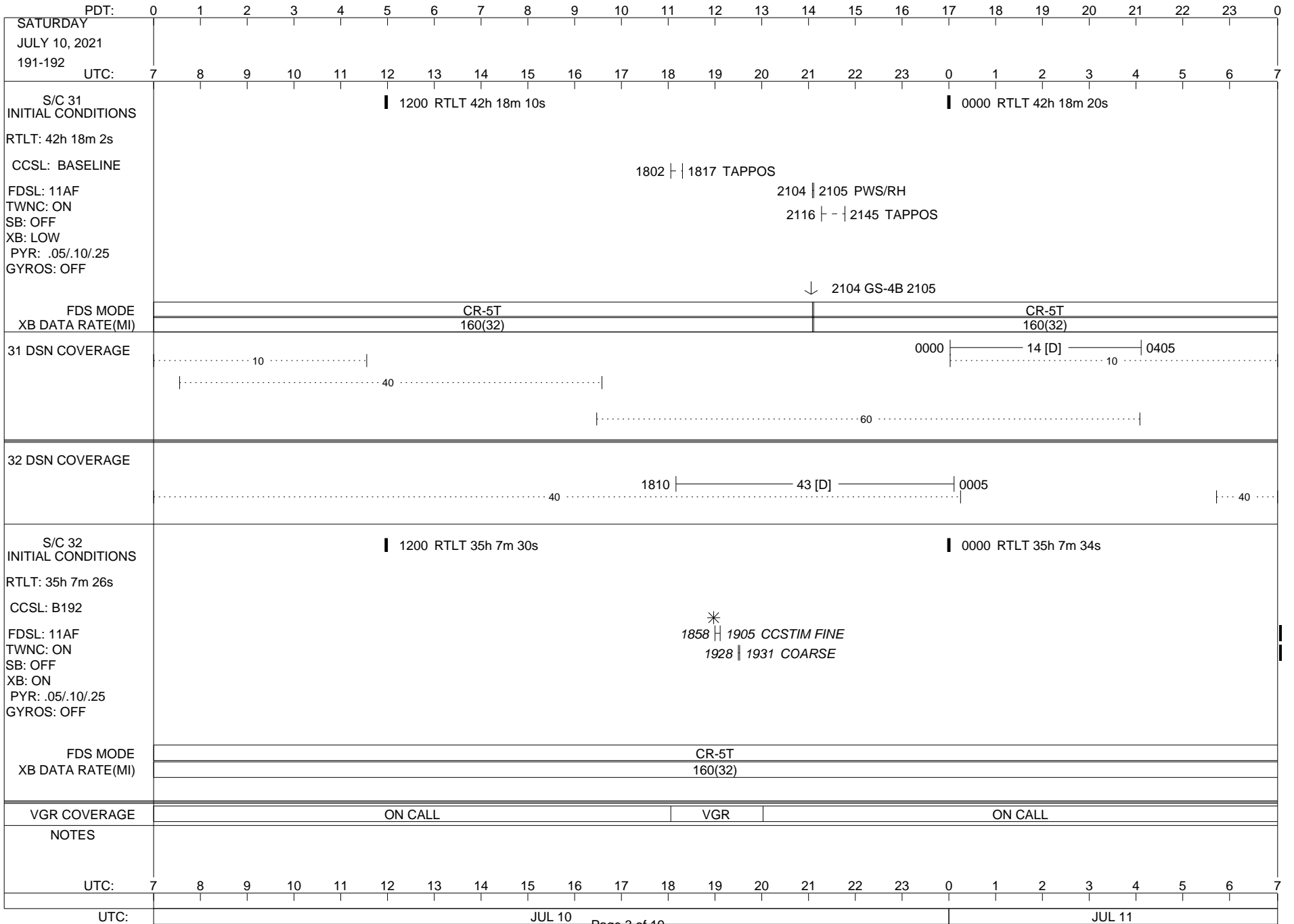
02/27/19

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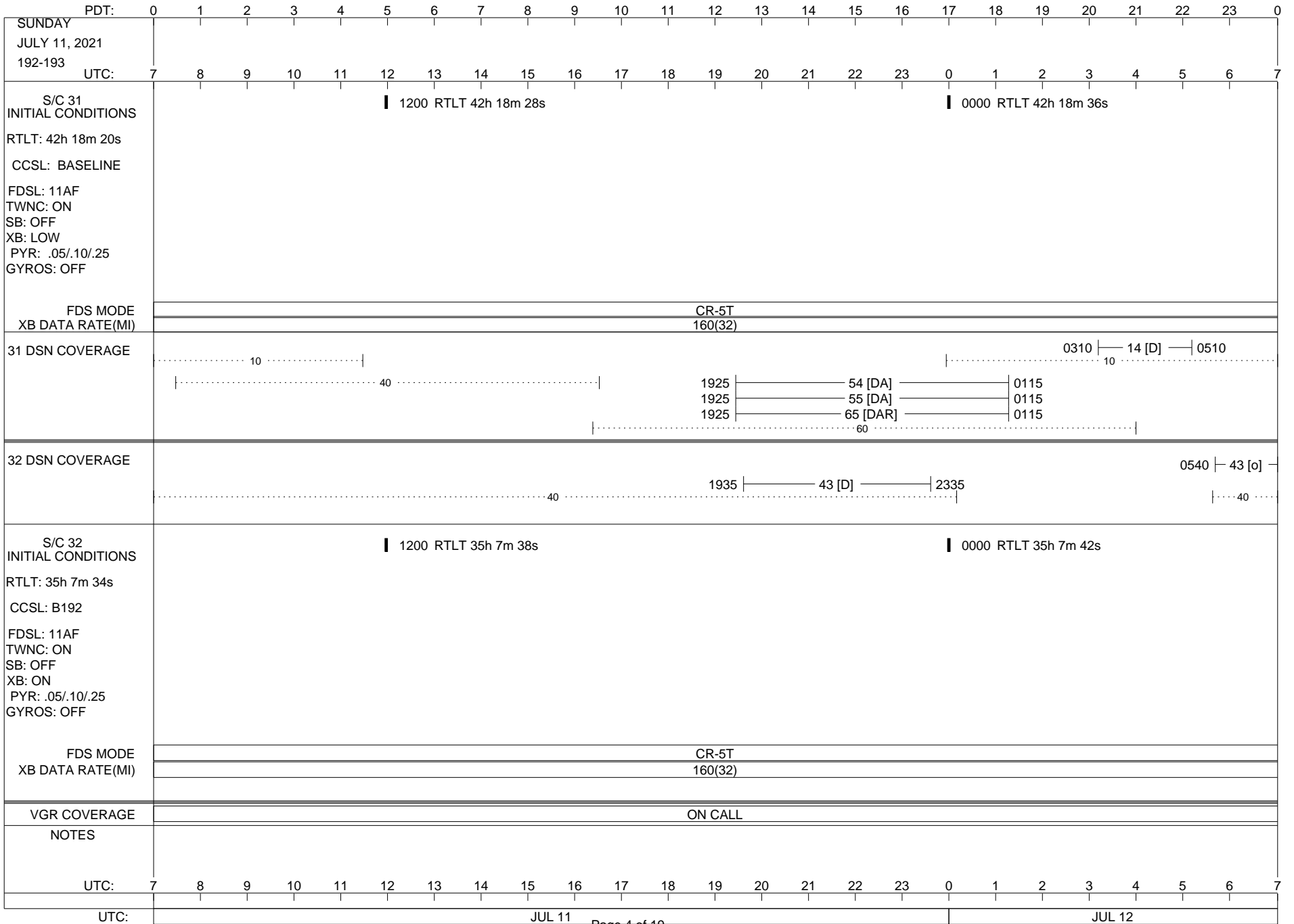


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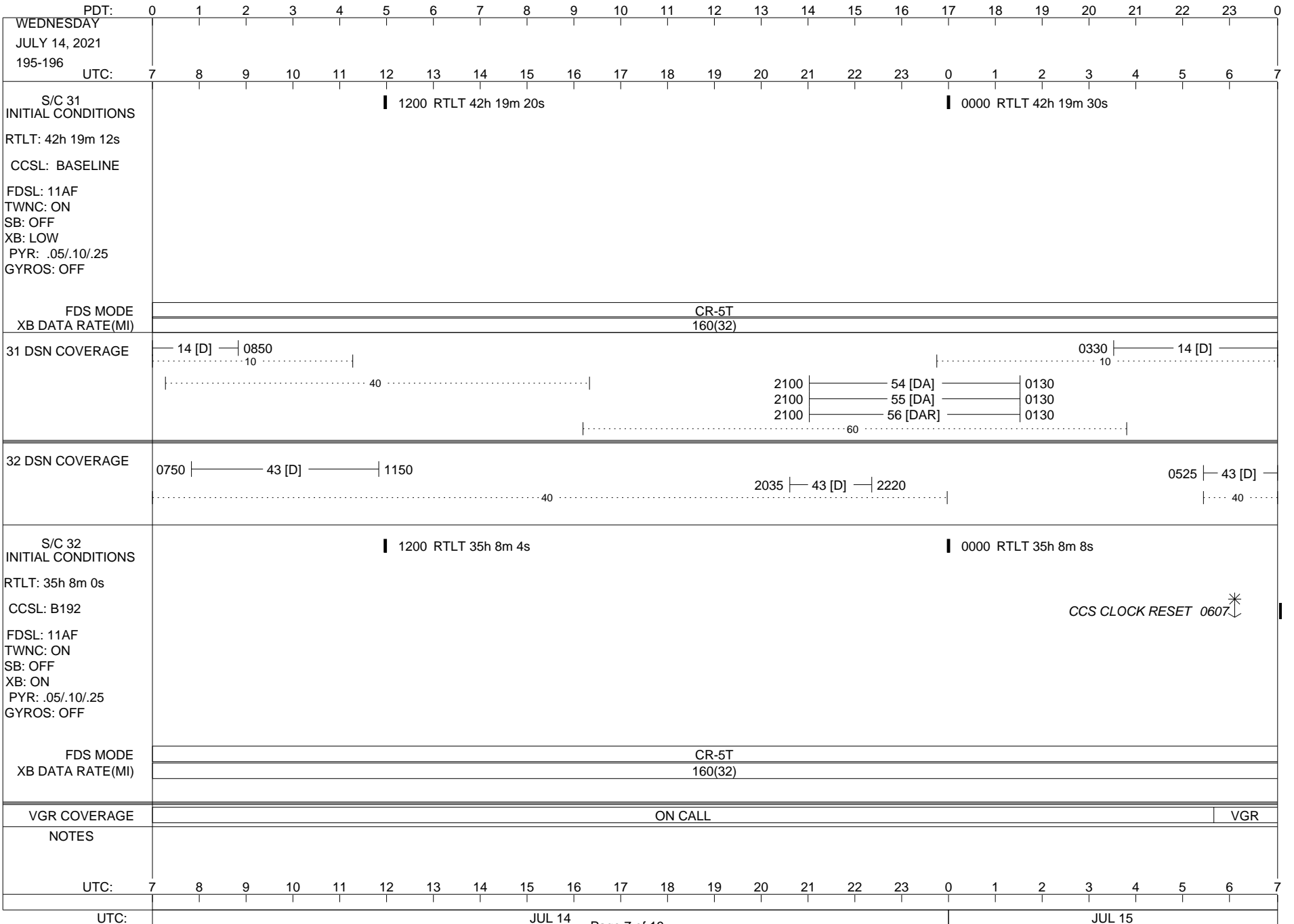
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MONDAY JULY 12, 2021 193-194	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 42h 18m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 18m 46s												0000 RTLT 42h 18m 54s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
31 DSN COVERAGE 10 40												2050 54 [DAR] 0050 2050 56 [DA] 0050 2050 65 [DA] 0050 60													
32 DSN COVERAGE	43 [o] 1020												2040 43 [D] 2140 40 43 [D] 0630													
S/C 32 INITIAL CONDITIONS RTLT: 35h 7m 42s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 7m 46s												0000 RTLT 35h 7m 50s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE	ON CALL												VGR		ON CALL											
NOTES																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	JUL 12												JUL 13													

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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY JULY 13, 2021 194-195	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 42h 18m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 42h 19m 4s												0000 RTLT 42h 19m 12s												
1127 1128 PWS/RH ↓ 1127 GS-4B 1128																									
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0940 14 [D] 111040.....												2105 54 [DA] 2330 2105 55 [DA] 2330 2105 65 [DAR] 233060.....												
32 DSN COVERAGE	43 [D] 082540.....												1720 43 [H] 214540.....												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 7m 50s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/10/.25 GYROS: OFF	1200 RTLT 35h 7m 54s												0000 RTLT 35h 8m 0s												
1858 CCS CLOCK RESET (06:06) 2025 CCSTIM F/C (07:33)																									
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	JUL 13												JUL 14												

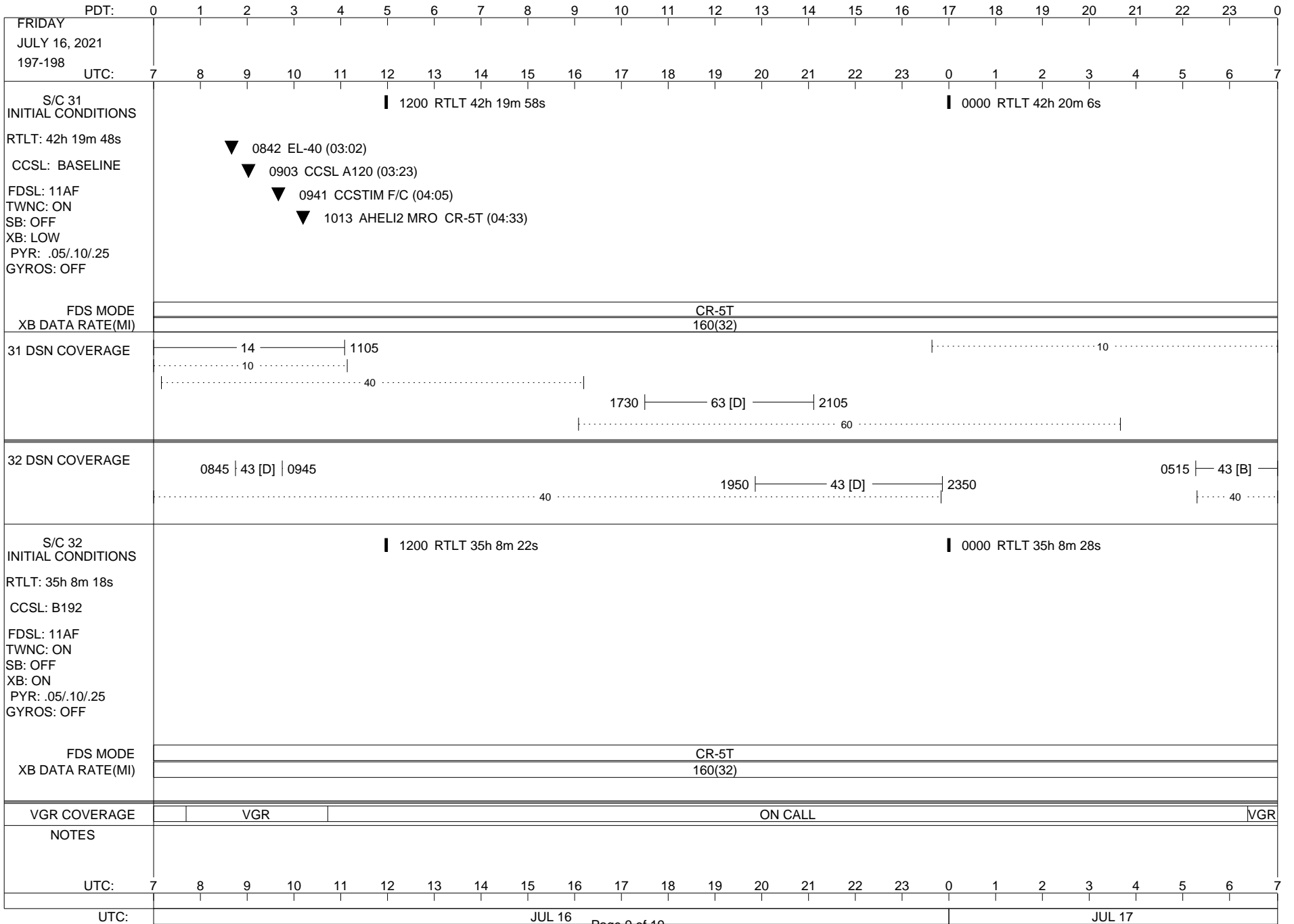
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
THURSDAY JULY 15, 2021 196-197																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 42h 19m 30s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 19m 38s												0000 RTLT 42h 19m 48s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	14 [D] 0930												0515 14													
32 DSN COVERAGE	43 [D] 0925												40													
S/C 32 INITIAL CONDITIONS RTLT: 35h 8m 8s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 8m 12s												0000 RTLT 35h 8m 18s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	VGR												ON CALL													
NOTES	* 0734-0741 CCSTIM FINE 0831 0834 COARSE																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	JUL 15												JUL 16													

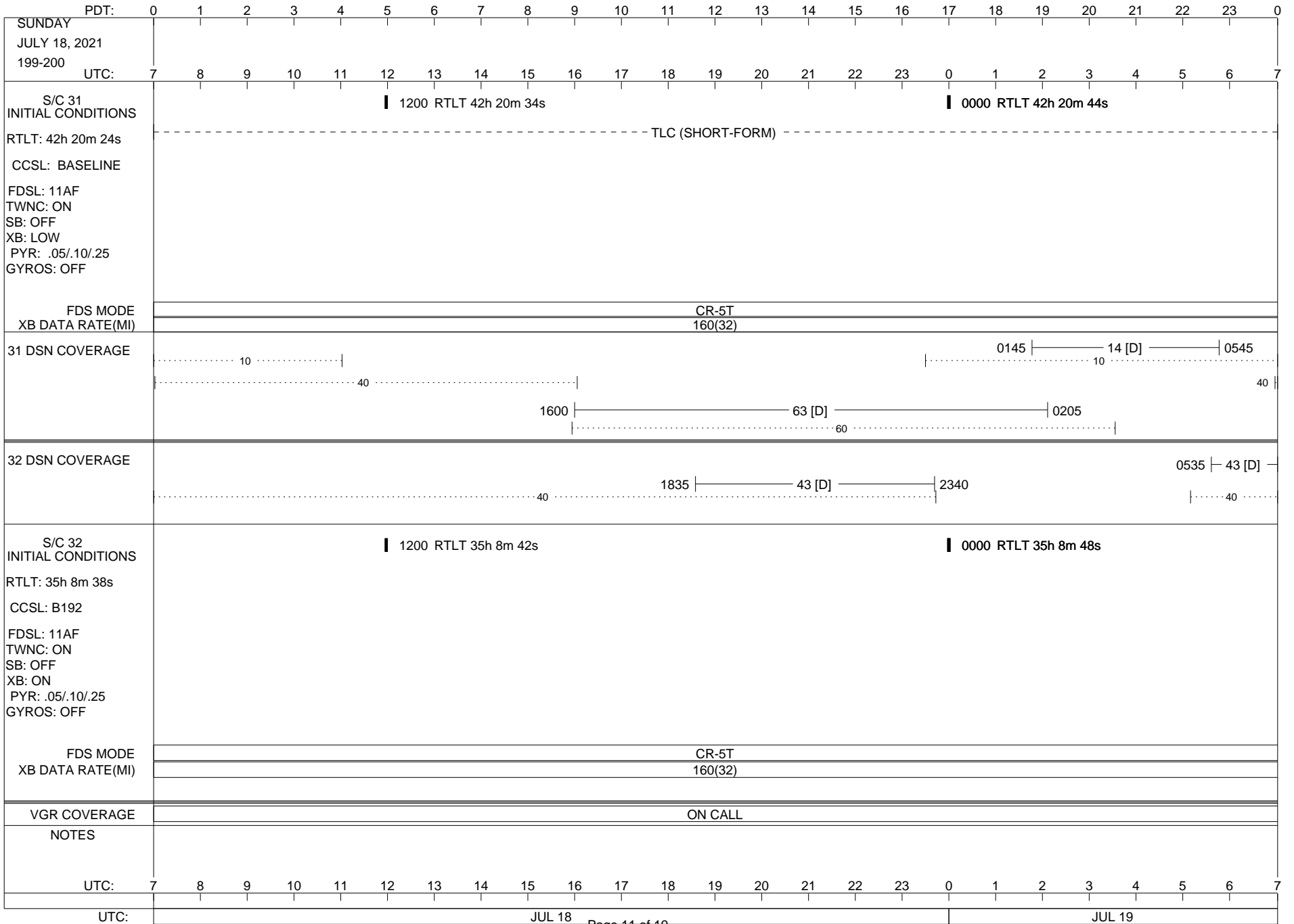
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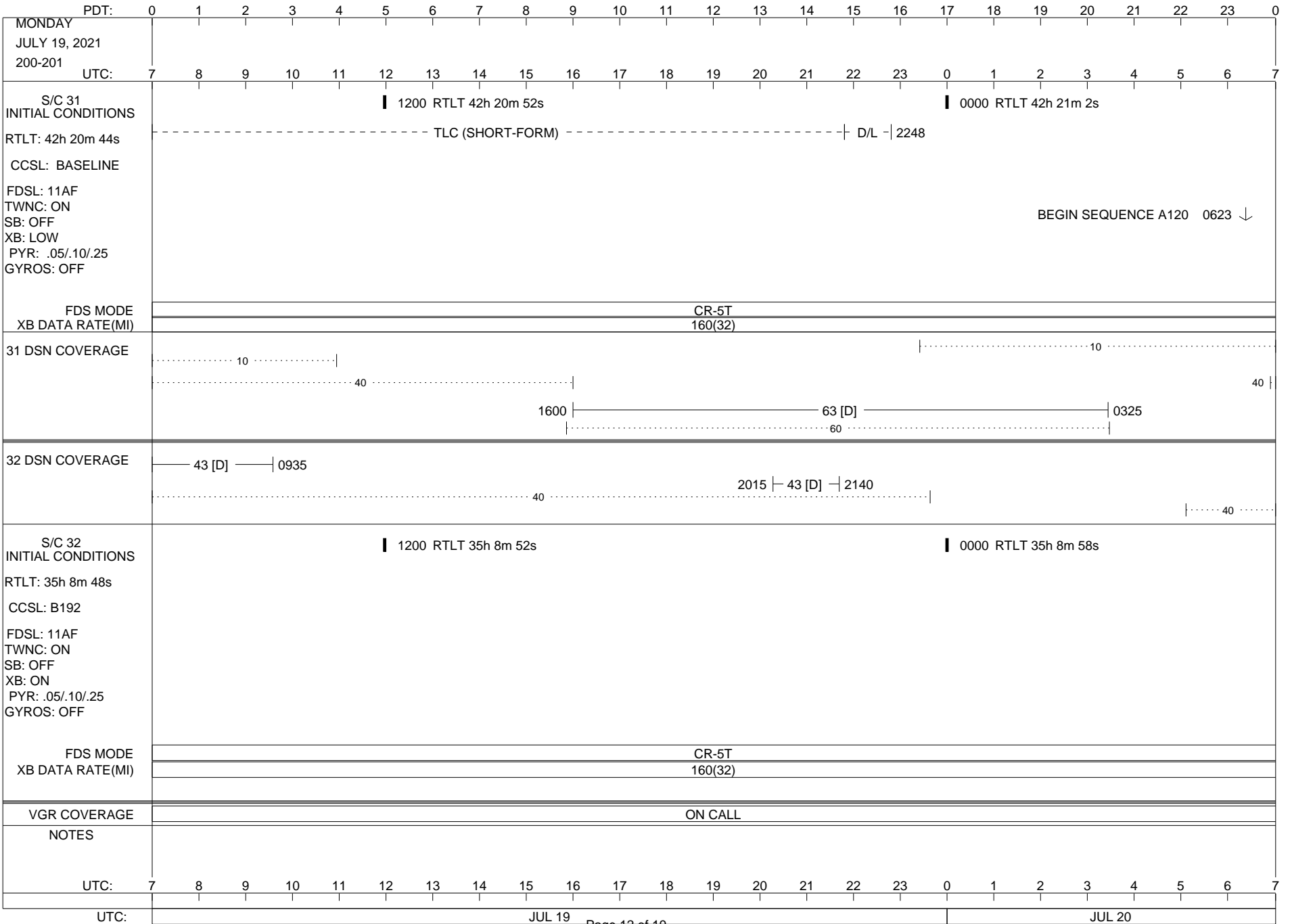
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PDT:		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
SATURDAY JULY 17, 2021 198-199																													
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 42h 20m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 42h 20m 16s														0000 RTLT 42h 20m 24s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)				EL-40 40(30)		CR-5T 160(32)							
31 DSN COVERAGE	10.....									0235-0645 -----14 [T1]-----																	
	40.....									1705 -----63 [D]----- 2305																	
	60.....																	
32 DSN COVERAGE		-----43 [B]----- 1000									2025 -----43 [D]----- 2225																	
	40.....									40.....																	
S/C 32 INITIAL CONDITIONS RTLT: 35h 8m 28s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/10/25 GYROS: OFF		1200 RTLT 35h 8m 32s														0000 RTLT 35h 8m 38s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																											
VGR COVERAGE		VGR														ON CALL													
NOTES		[1] A120 BACKUP U/L TRACK [2] S/C 31=EL-40 @ 0303 XB=40(30) [3] S/C 31=CR-5T @ 0438 XB=160(32)																											
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
UTC:		JUL 17														JUL 18													

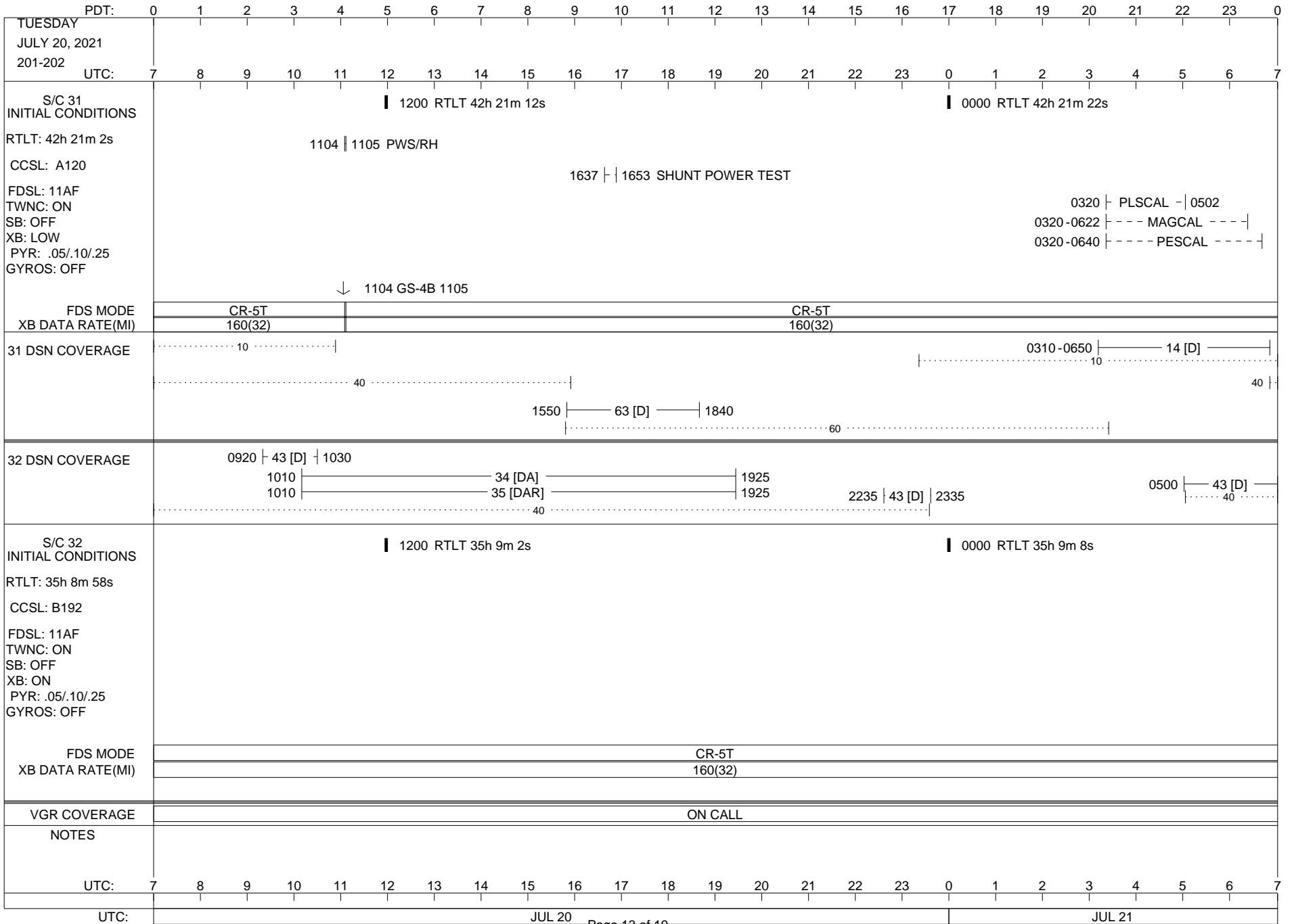
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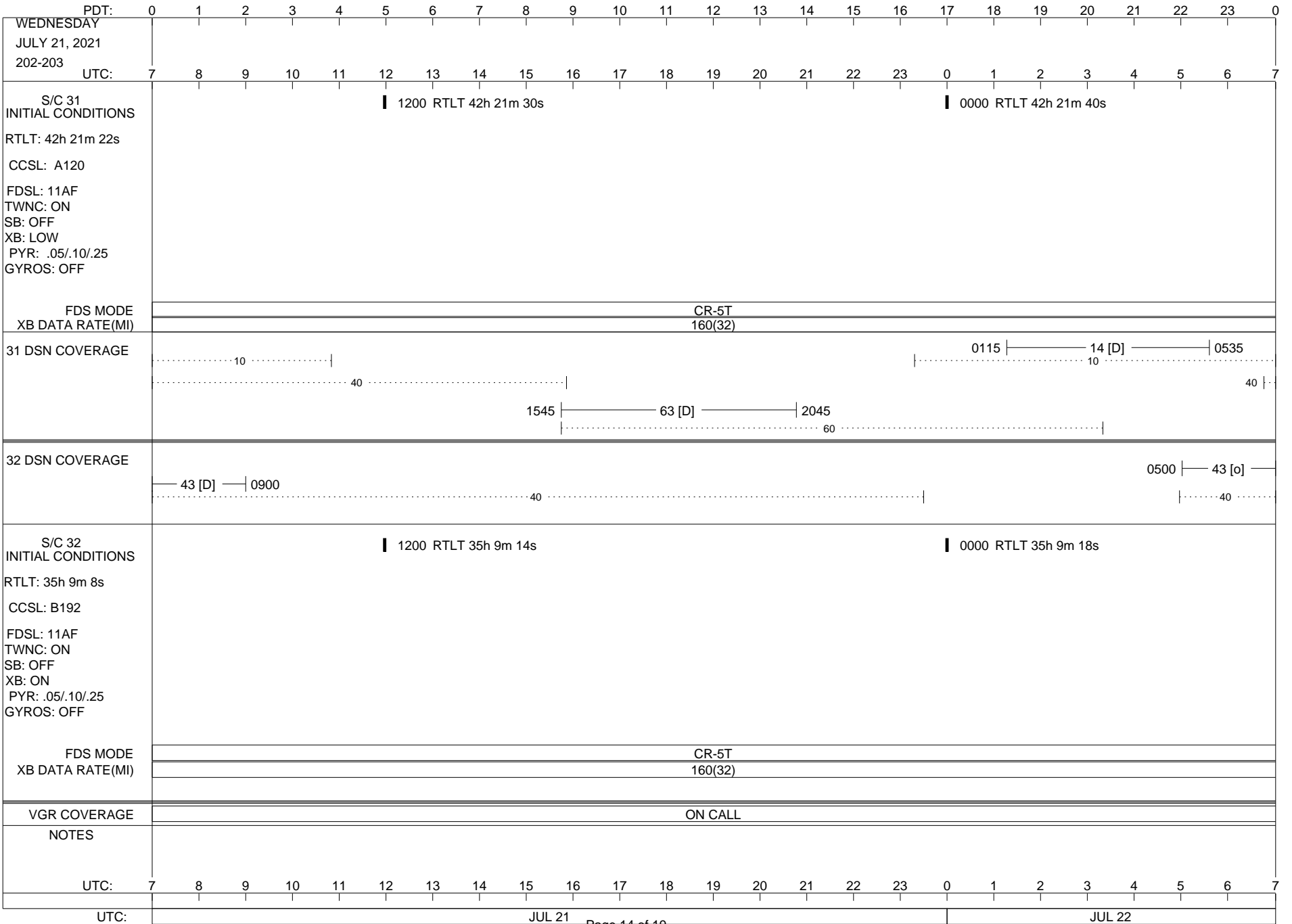
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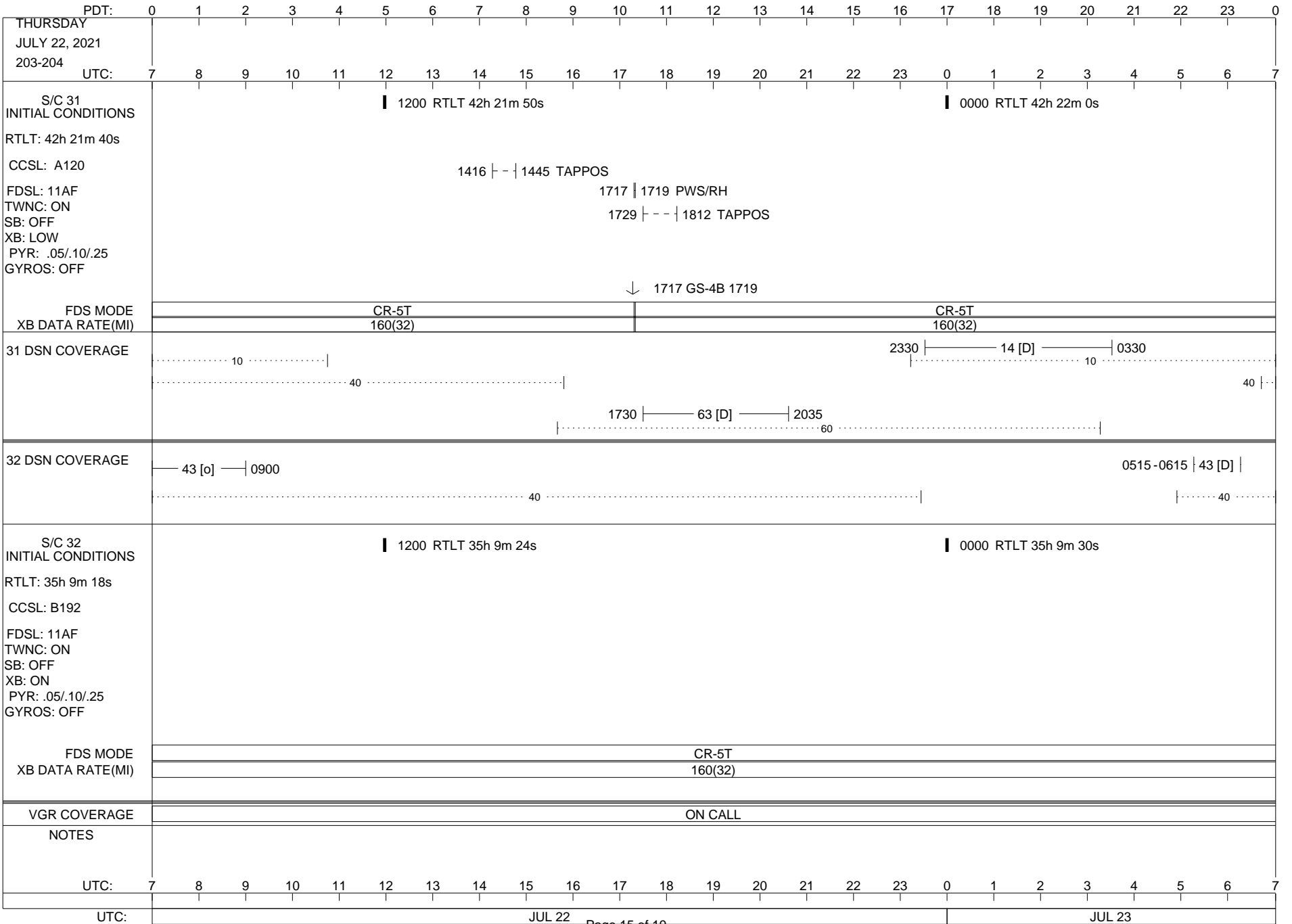
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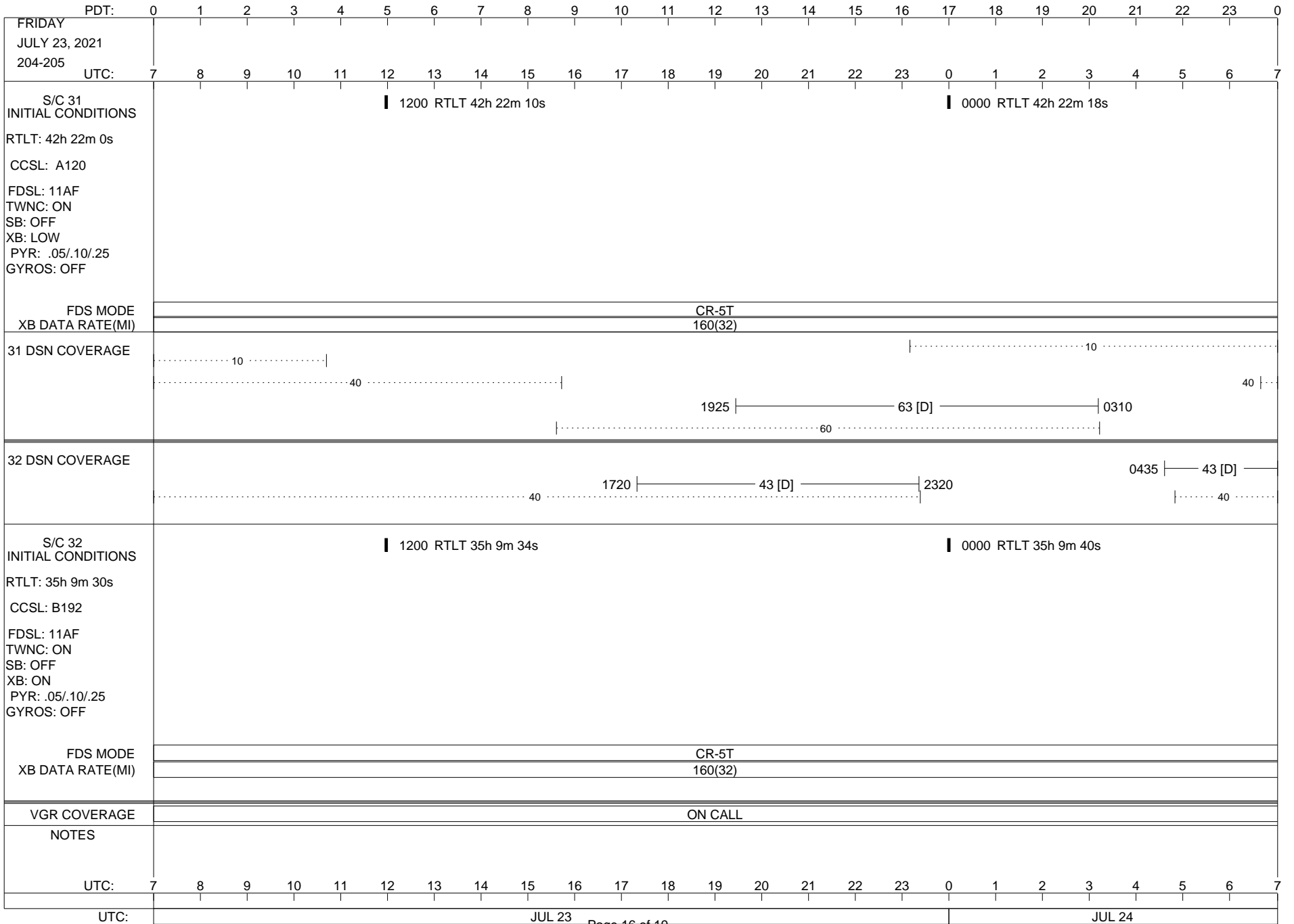


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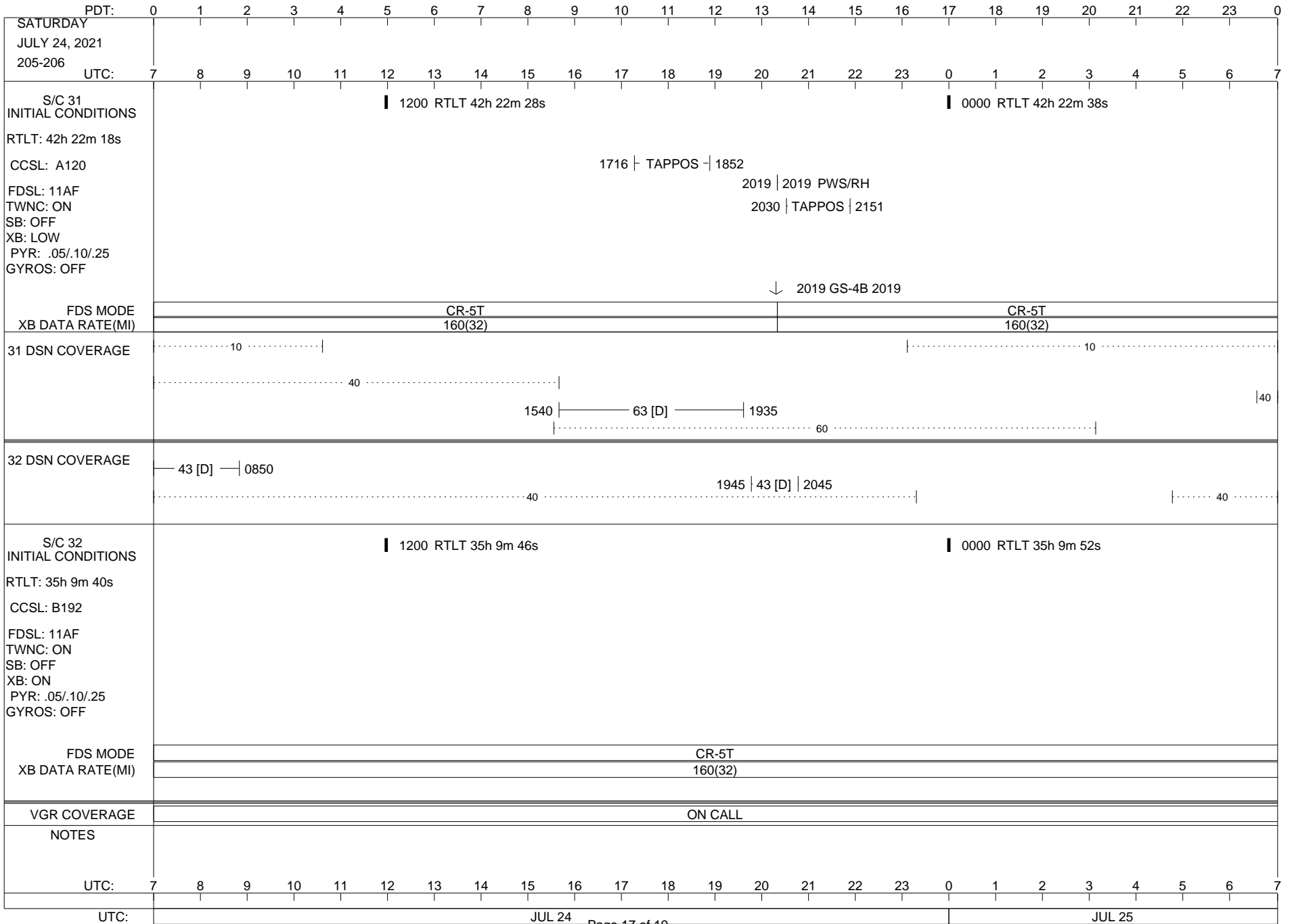


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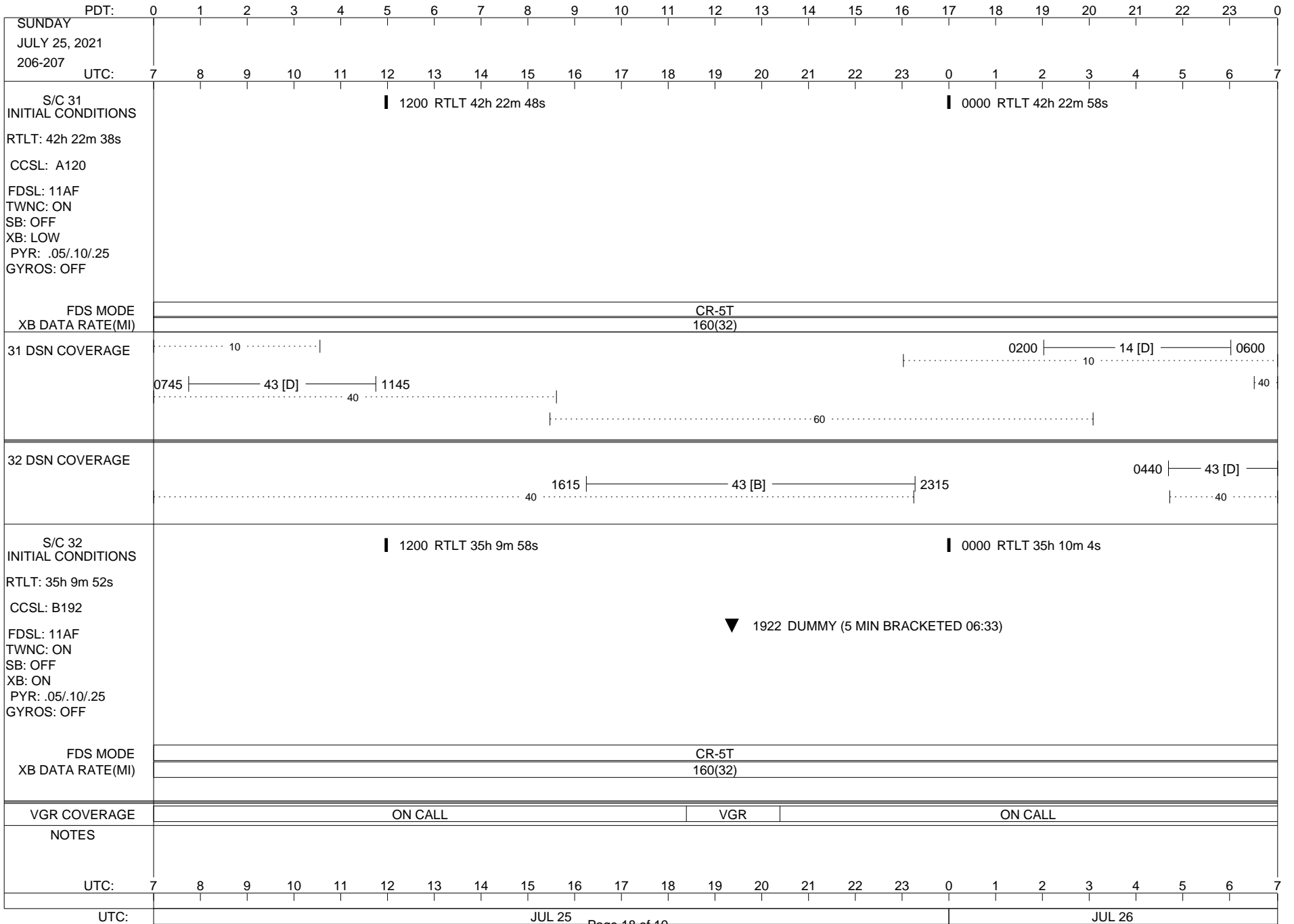




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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
MONDAY JULY 26, 2021 207-208																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 42h 22m 58s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> █ 1200 RTLT 42h 23m 8s </div> <div style="text-align: right; margin-top: 20px;"> ▼ 0015 CCS DIAG (18:38) </div>																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	<p>..... 10 </p> <p>.....40..... </p>																								
32 DSN COVERAGE	<p>— 43 [D] — 0840</p> <p>.....40..... </p> <p>.....1950 — 43 [D] — 2140</p> <p>..... </p>																								
S/C 32 INITIAL CONDITIONS RTLT: 35h 10m 4s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> █ 1200 RTLT 35h 10m 10s </div>																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	JUL 26												JUL 27												